

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP122921\  
 Data File : PP042363.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 29 Dec 2021 20:32  
 Operator : AJ\MA  
 Sample : M5244-40  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 CONC-13E

Manual Integrations  
 APPROVED

Reviewed By :Ankita Jodhani 12/30/2021  
 Supervised By :mohammad ahmed 12/30/2021

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 30 00:22:34 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP122321.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Fri Dec 24 23:47:53 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1 | Resp#2 | ng/ml    | ng/ml     |
|-----------------------------|-----------------|--------|-------|--------|--------|----------|-----------|
| -----                       |                 |        |       |        |        |          |           |
| System Monitoring Compounds |                 |        |       |        |        |          |           |
| 1)                          | SA Tetrachlo... | 4.920  | 4.056 | 380035 | 650551 | 28.944   | 28.484    |
| 2)                          | SA Decachlor... | 10.918 | 9.404 | 426989 | 433252 | 35.056   | 26.791m   |
| Target Compounds            |                 |        |       |        |        |          |           |
| 16)                         | L4 AR-1242-1    | 6.230  | 5.324 | 60578  | 105677 | 185.783  | 155.199   |
| 17)                         | L4 AR-1242-2    | 6.253  | 5.345 | 90417  | 198050 | 189.446  | 212.650   |
| 18)                         | L4 AR-1242-3    | 6.321  | 5.539 | 56402  | 101595 | 188.316  | 192.249   |
| 19)                         | L4 AR-1242-4    | 6.424  | 5.635 | 52068  | 161105 | 212.517  | 318.413 # |
| 20)                         | L4 AR-1242-5    | 7.209  | 6.204 | 96332  | 413086 | 370.381m | 696.840m# |
| 26)                         | L6 AR-1254-1    | 7.145  | 6.205 | 180692 | 449795 | 362.452  | 359.612   |
| 27)                         | L6 AR-1254-2    | 7.375  | 6.362 | 253227 | 130090 | 330.308m | 119.542 # |
| 28)                         | L6 AR-1254-3    | 7.754  | 6.787 | 129964 | 128197 | 168.440  | 77.165 #  |
| 29)                         | L6 AR-1254-4    | 8.046  | 7.027 | 48858  | 73183  | 87.813   | 75.019    |
| 30)                         | L6 AR-1254-5    | 8.477  | 7.458 | 79250  | 208205 | 126.558  | 162.480 # |
| -----                       |                 |        |       |        |        |          |           |

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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Acq On : 29 Dec 2021 20:32  
Operator : AJ\MA  
Sample : M5244-40  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

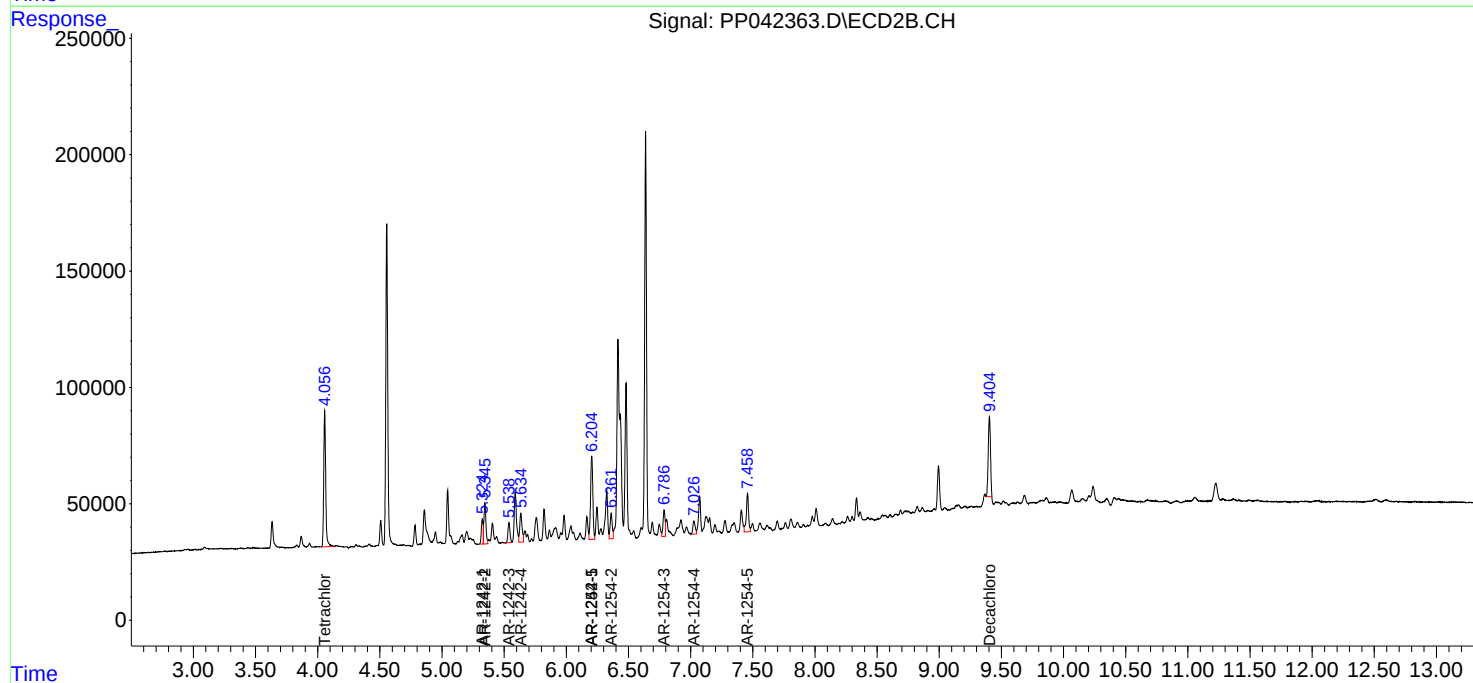
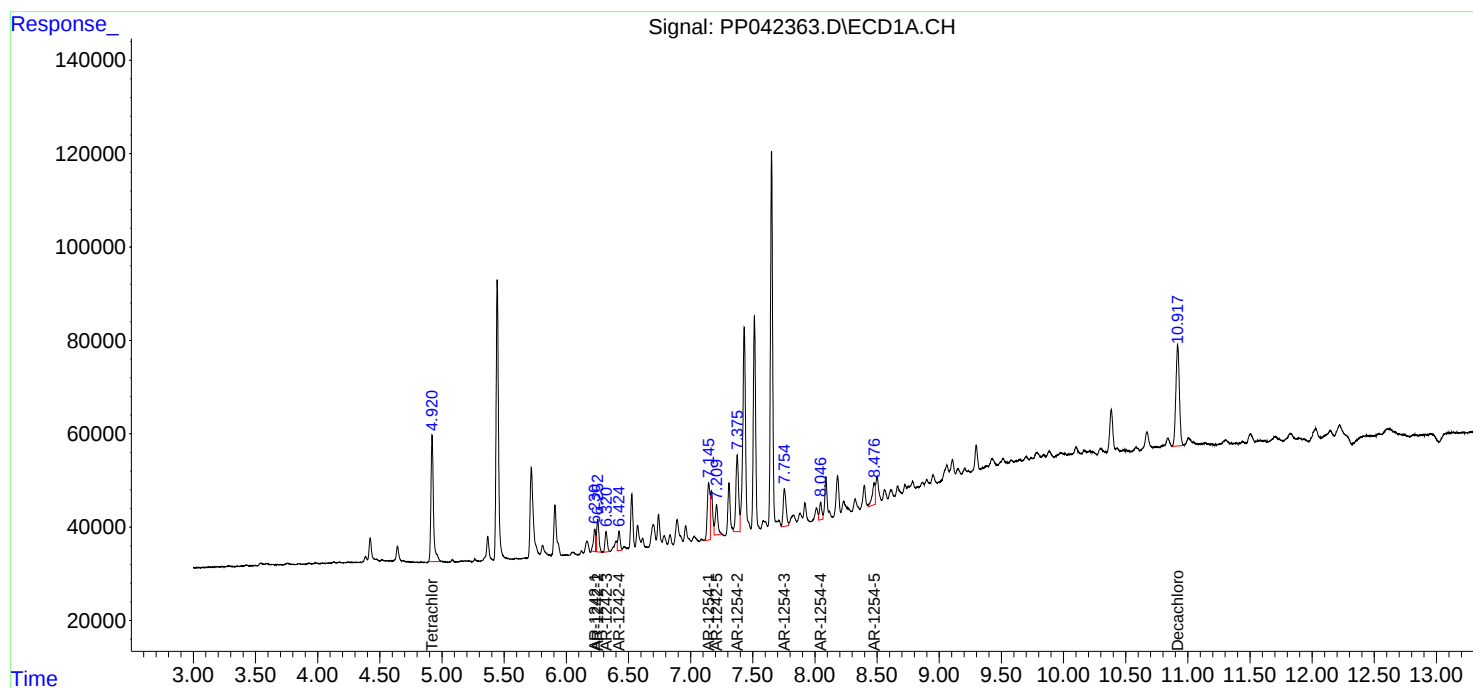
Instrument :  
ECD\_P  
ClientSampleId :  
CONC-13E

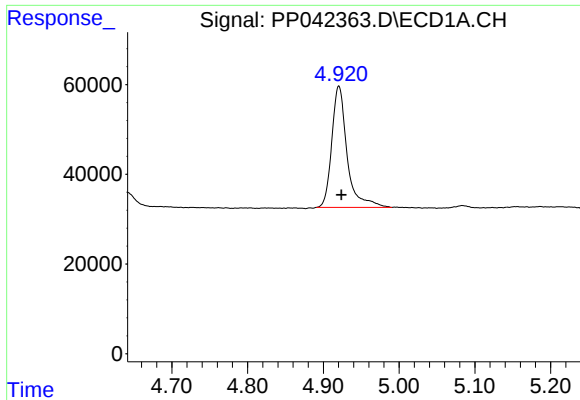
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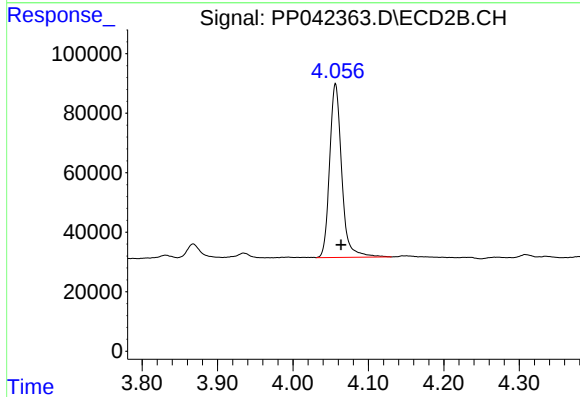
#1 Tetrachloro-m-xylene

R.T.: 4.920 min  
Delta R.T.: -0.004 min  
Response: 380035  
Conc: 28.94 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CONC-13E

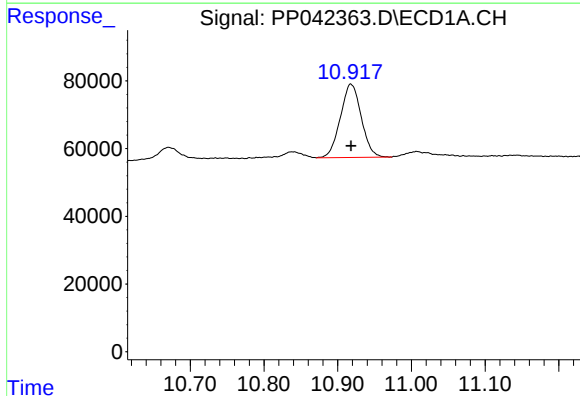
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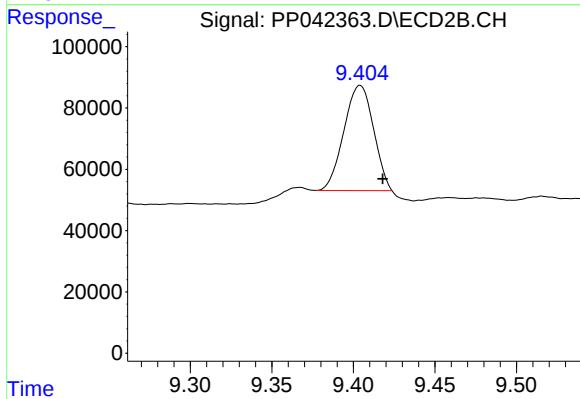
#1 Tetrachloro-m-xylene

R.T.: 4.056 min  
Delta R.T.: -0.007 min  
Response: 650551  
Conc: 28.48 ng/ml



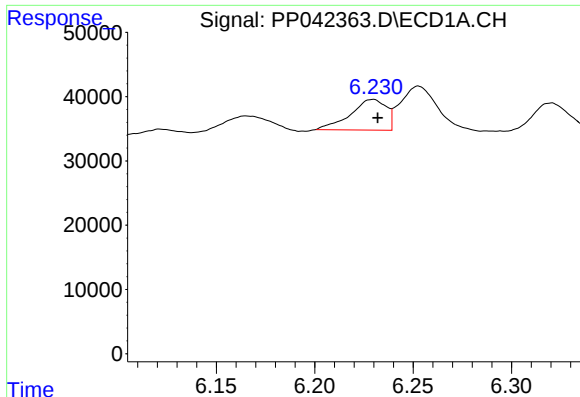
#2 Decachlorobiphenyl

R.T.: 10.918 min  
Delta R.T.: 0.000 min  
Response: 426989  
Conc: 35.06 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.404 min  
Delta R.T.: -0.014 min  
Response: 433252  
Conc: 26.79 ng/ml m



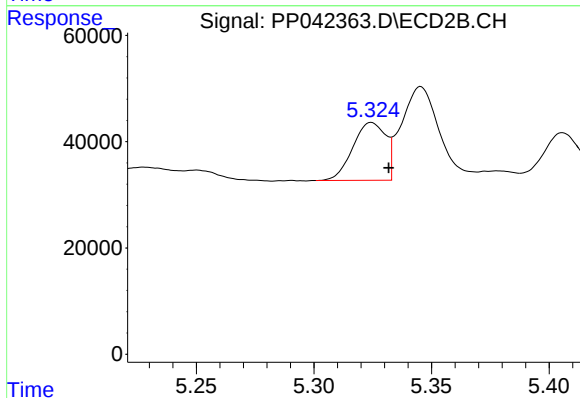
#16 AR-1242-1

R.T.: 6.230 min  
Delta R.T.: -0.002 min  
Response: 60578  
Conc: 185.78 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CONC-13E

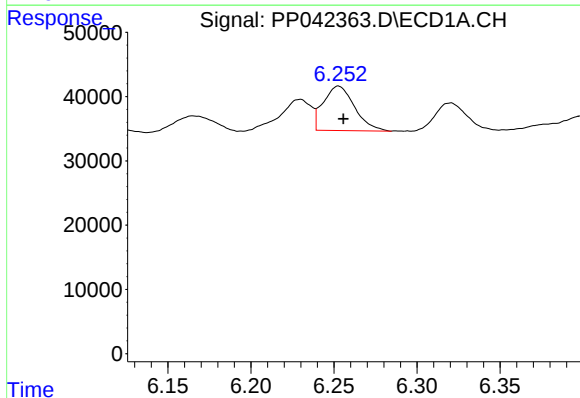
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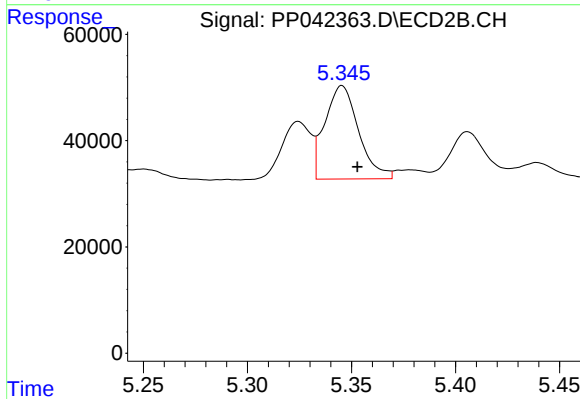
#16 AR-1242-1

R.T.: 5.324 min  
Delta R.T.: -0.007 min  
Response: 105677  
Conc: 155.20 ng/ml



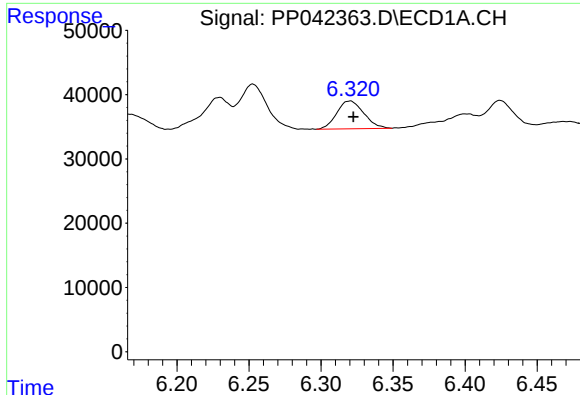
#17 AR-1242-2

R.T.: 6.253 min  
Delta R.T.: -0.003 min  
Response: 90417  
Conc: 189.45 ng/ml



#17 AR-1242-2

R.T.: 5.345 min  
Delta R.T.: -0.007 min  
Response: 198050  
Conc: 212.65 ng/ml



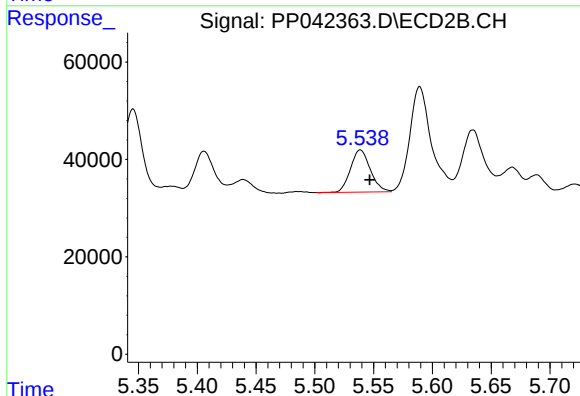
#18 AR-1242-3

R.T.: 6.321 min  
Delta R.T.: -0.002 min  
Response: 56402  
Conc: 188.32 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CONC-13E

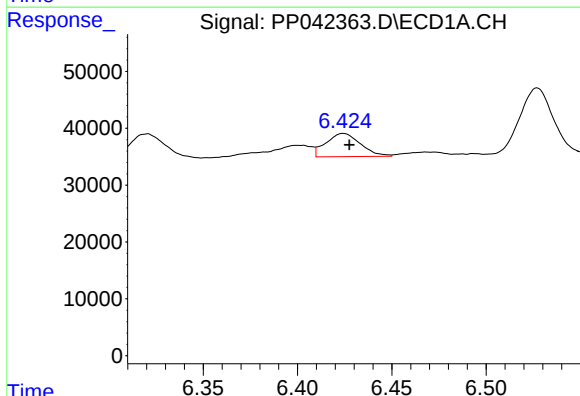
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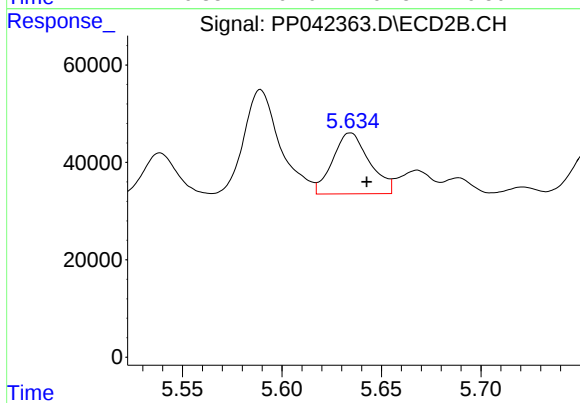
#18 AR-1242-3

R.T.: 5.539 min  
Delta R.T.: -0.008 min  
Response: 101595  
Conc: 192.25 ng/ml



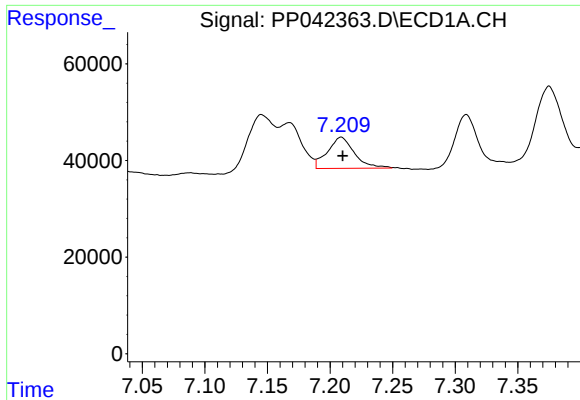
#19 AR-1242-4

R.T.: 6.424 min  
Delta R.T.: -0.003 min  
Response: 52068  
Conc: 212.52 ng/ml



#19 AR-1242-4

R.T.: 5.635 min  
Delta R.T.: -0.008 min  
Response: 161105  
Conc: 318.41 ng/ml



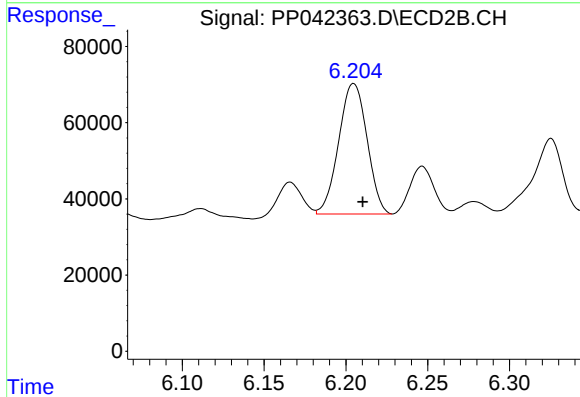
#20 AR-1242-5

R.T.: 7.209 min  
Delta R.T.: -0.002 min  
Response: 96332  
Conc: 370.38 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CONC-13E

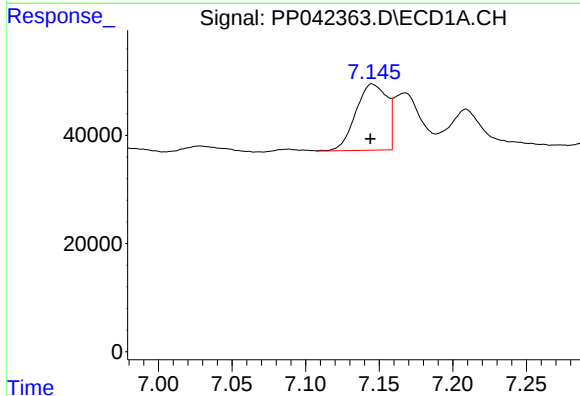
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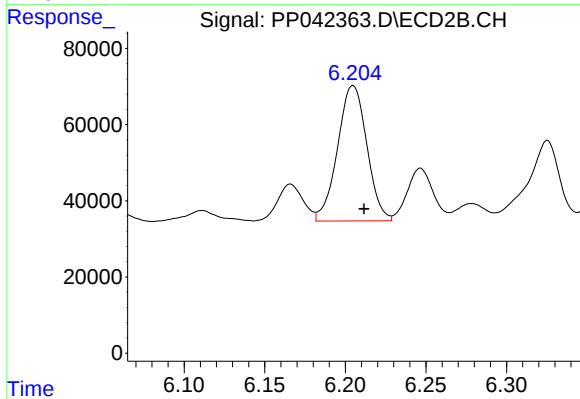
#20 AR-1242-5

R.T.: 6.204 min  
Delta R.T.: -0.006 min  
Response: 413086  
Conc: 696.84 ng/ml m



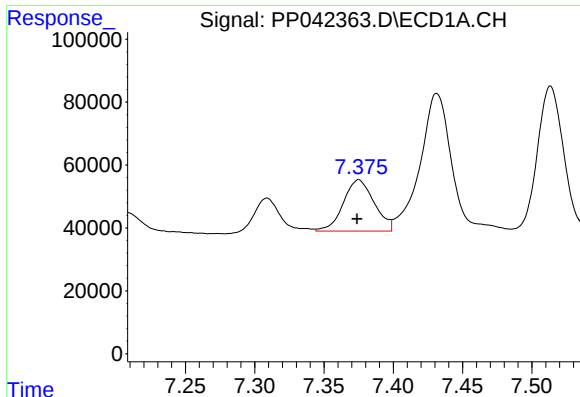
#26 AR-1254-1

R.T.: 7.145 min  
Delta R.T.: 0.001 min  
Response: 180692  
Conc: 362.45 ng/ml



#26 AR-1254-1

R.T.: 6.205 min  
Delta R.T.: -0.007 min  
Response: 449795  
Conc: 359.61 ng/ml



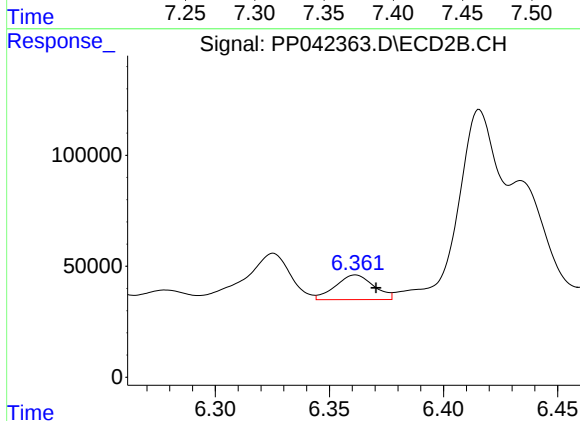
#27 AR-1254-2

R.T.: 7.375 min  
Delta R.T.: 0.000 min  
Response: 253227  
Conc: 330.31 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CONC-13E

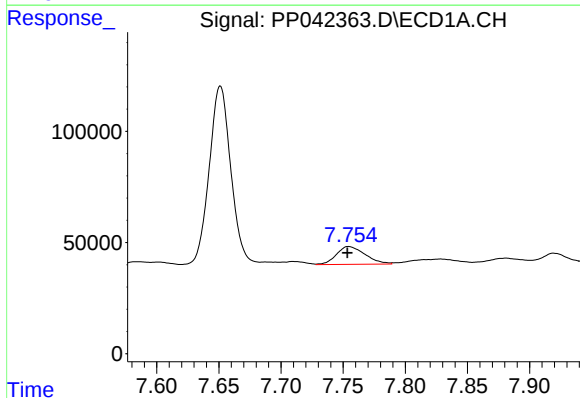
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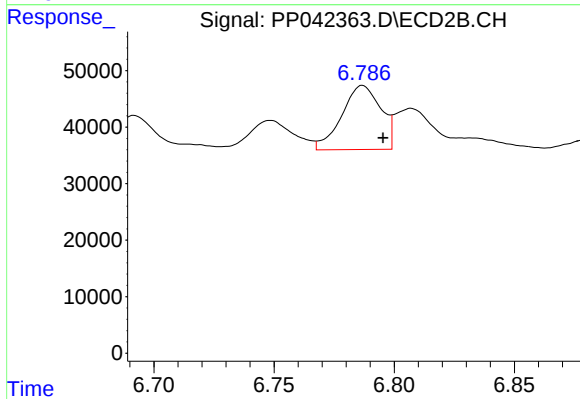
#27 AR-1254-2

R.T.: 6.362 min  
Delta R.T.: -0.009 min  
Response: 130090  
Conc: 119.54 ng/ml



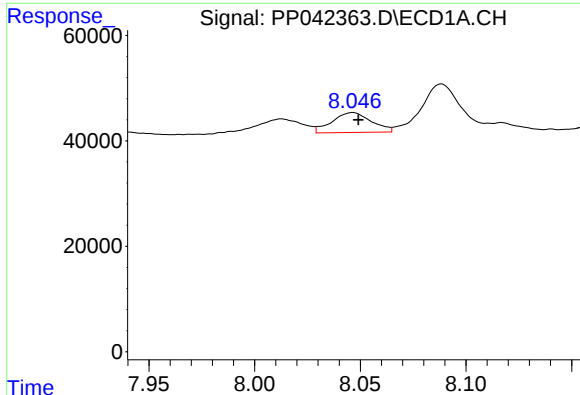
#28 AR-1254-3

R.T.: 7.754 min  
Delta R.T.: 0.000 min  
Response: 129964  
Conc: 168.44 ng/ml



#28 AR-1254-3

R.T.: 6.787 min  
Delta R.T.: -0.008 min  
Response: 128197  
Conc: 77.16 ng/ml



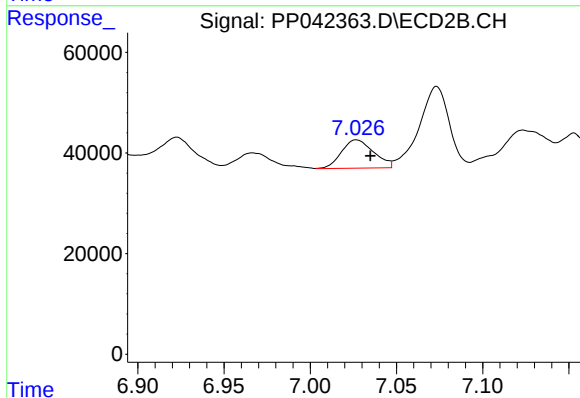
#29 AR-1254-4

R.T.: 8.046 min  
Delta R.T.: -0.003 min  
Response: 48858  
Conc: 87.81 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
CONC-13E

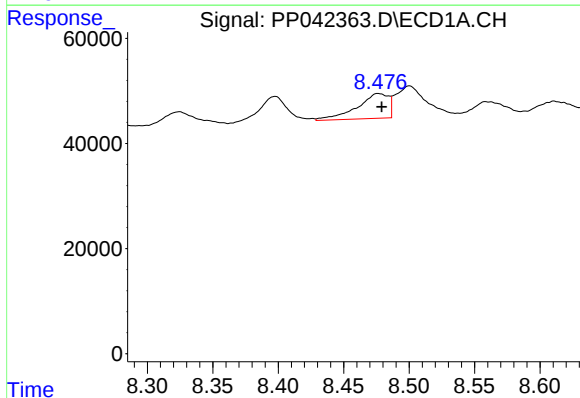
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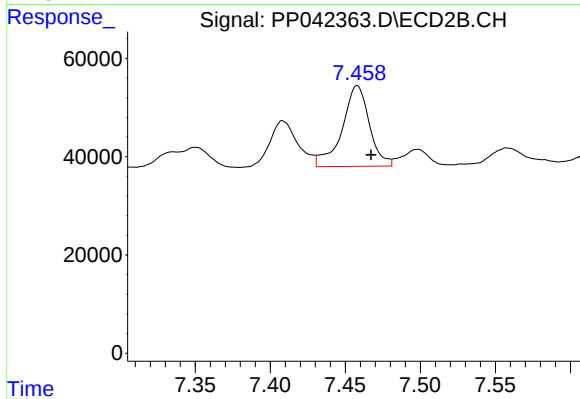
#29 AR-1254-4

R.T.: 7.027 min  
Delta R.T.: -0.008 min  
Response: 73183  
Conc: 75.02 ng/ml



#30 AR-1254-5

R.T.: 8.477 min  
Delta R.T.: -0.003 min  
Response: 79250  
Conc: 126.56 ng/ml



#30 AR-1254-5

R.T.: 7.458 min  
Delta R.T.: -0.009 min  
Response: 208205  
Conc: 162.48 ng/ml